

**ABSTRACT**

An apparatus for preparing soil for the placement therein of at least one of seed and fertilizer. A frame is provided with there being first structure on the frame for penetrating the soil to create an opening for at least one of seed and fertilizer as the frame  
5 is advanced in a travel direction. A second structure is provided on the frame at least partially downstream of the first structure for at least one of a) stripping soil clods from the first structure and b) loosening soil downstream of the first structure.